Art. IX.—*Description of Two New Ischnochitons from Western Port, Victoria.*

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(Sydney).

Communicated by C. J. Gabriel.

(With Plate VIII.).

Read 11th July, 1912.

The two shells here described were dredged in from 6 to 8 fathoms, between Phillip and French Islands, Western Port, Victoria, by Mr. C. J. Gabriel, of Abbotsford. They were submitted to Professor Joh. Thiele, of the Imperial Zoological Museum, Berlin, who expressed the opinion that they were both new species, and after careful examination I concur, although one of the shells has already been taken by dredging at Frederick Henry Bay, Tasmania, and identified by Tate and May as *Ischnochiton tateanus*. It is, however, undoubtedly quite distinct from that species.

The small shell, which I propose to associate with the finder, is considered by Prof. Thiele to be certainly an *Ischnochiton*, although I am inclined to think that it possesses more of the characteristics of the *Lepidopleuridae*, inasmuch as valves ii. to viii. are unslit, and even the anterior valve has very rudimentary slits.

The types of both species are in the collection of Mr. C. J. Gabriel.

1. Ischnochiton gabrieli, n. sp. (Pl. VIII., Figs. 1, a, b, c, d, e, f).

Shell small, elevated, carinated. Colour yellow, irregularly maculated with brown. Anterior valve finely granulose, the granules tending to a radial arrangement, the rays slightly curved. Median valves, lateral areas slightly raised, covered with irregularly disposed granules; central areas with granules arranged in radiating rows, curving outwardly and diverging upwards over the jugum. Posterior valve irregularly granulose; mucro obtuse, behind the middle. Girdle covered with small, smooth densely imbricating irregular scales. Interior white; sinus broad and shallow; anterior valve interiorly grooved and with 9 slits; median and posterior valves unslit.

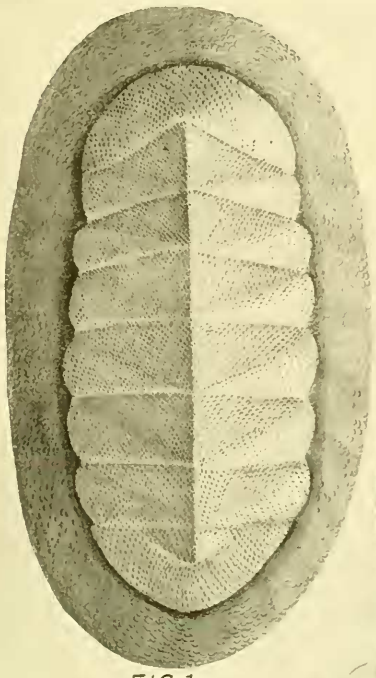

FIG 1

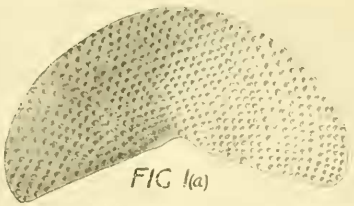

FIG 1(a)

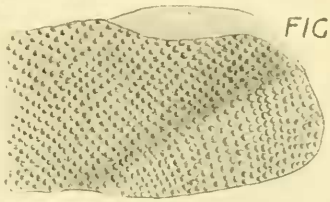

FIG 1(b)

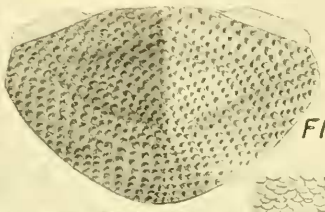

FIG 1(c)

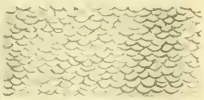

FIG 1(d)

FIG 1(e)

FIG 1(f)

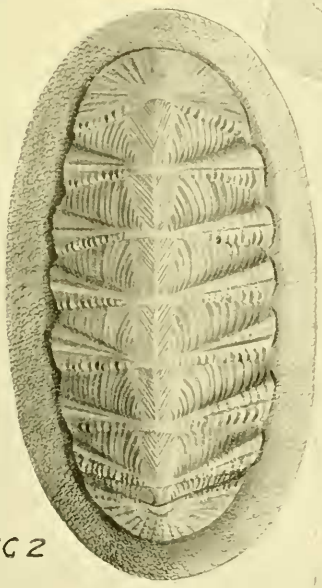

FIG 2

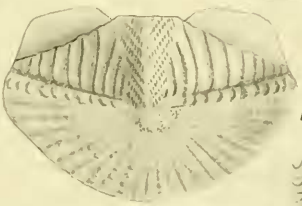

FIG 2(b)

FIG 2(d)

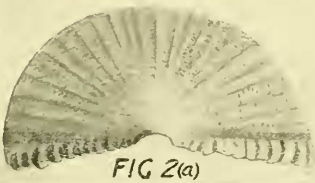

FIG 2(a)

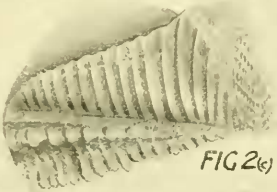

FIG 2(c)